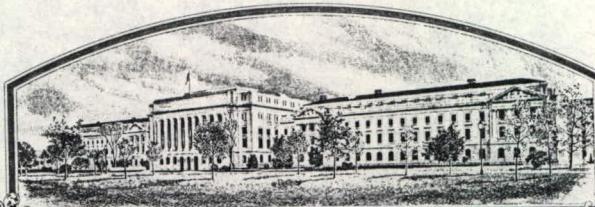


No.

8100063



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Sluis & Groot Research

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF eighteen YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT (AUGUST 22, 1951, 64 Stat. 642, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

CAULIFLOWER

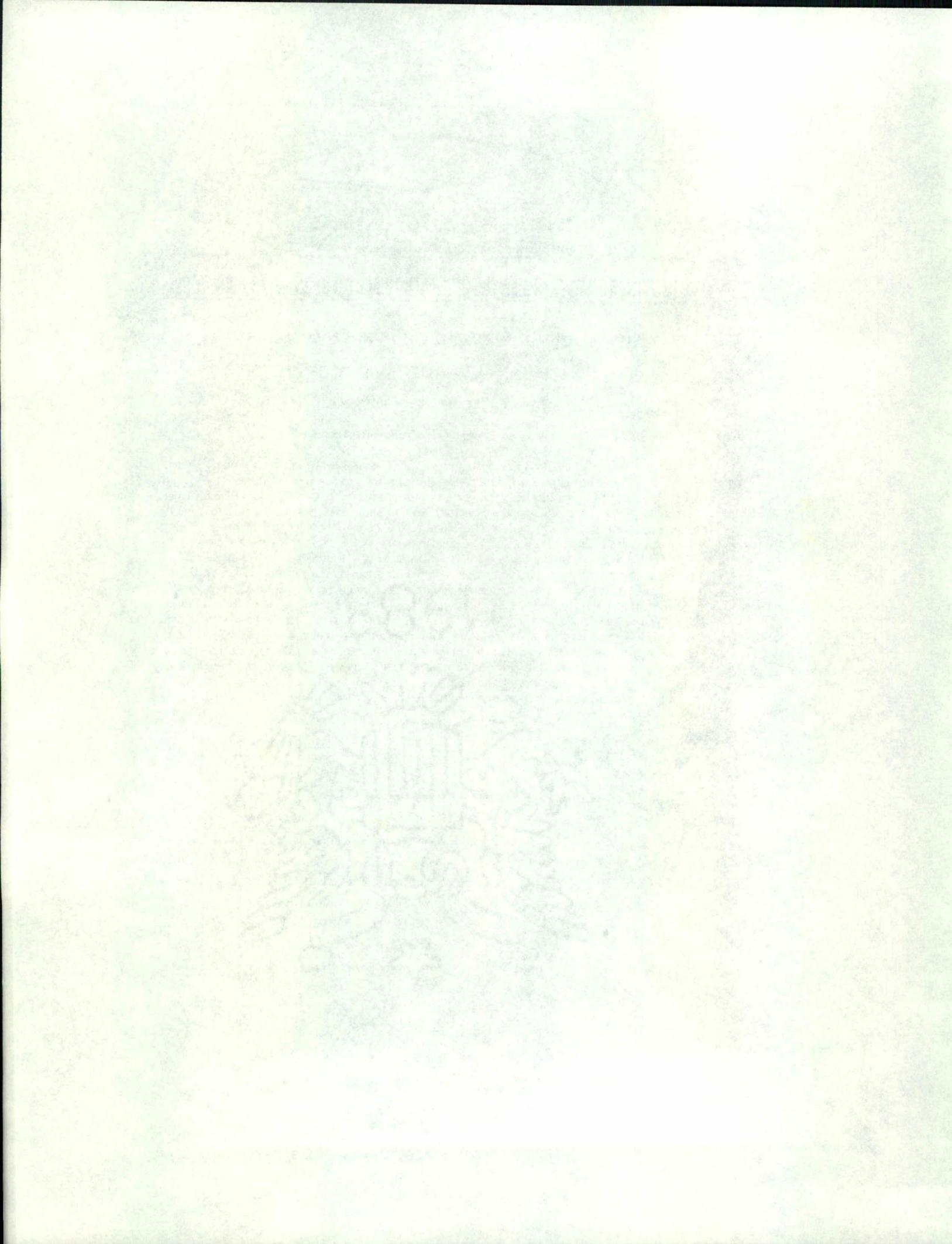
'White Summer'

In Testimony Whereof, I have hereunto set
my hand and caused the seal of the Plant
Variety Protection Office to be affixed
at the City of Washington
this 19th day of August in
the year of our Lord one thousand nine
hundred and eighty-two.

Attest:

Kenneth A. Weller
Commissioner
Plant Variety Protection Office
Grain Division
Agricultural Marketing Service

John R. Block
Secretary of Agriculture



INSTRUCTIONS

GENERAL: Send an original copy of the application and exhibits, at least 2,500 viable seeds, and \$500 fee (\$250 filing fee and \$250 examination fee) to U.S. Dept. of Agriculture, Agricultural Marketing Service, Livestock, Poultry, Grain and Seed Division, Plant Variety Protection Office, National Agricultural Library Building, Beltsville, Maryland 20705. (See section 180.175 of the Regulations and Rules of Practice.) Retain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

ITEM

- 5 Give the date the applicant determined that he had a new variety based on (1) the definition in section 41(a) of the Act and (2) the date a decision was made to increase the seed.
- 13a Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method; (2) the details of subsequent stages of selection and multiplication; (3) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified and (4) evidence of uniformity and stability.
- 13b Give a summary statement of the variety's novelty. Clearly state how this novel variety may be distinguished from all other varieties in the same crop. If the new variety most closely resembles one or a group of related varieties: (1) identify these varieties and state all differences objectively; (2) attach statistical data for characters expressed numerically and demonstrate that these differences are significant; and (3) submit, if helpful, seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty.
- 13c Fill in the Exhibit C, Objective Description form, for all characteristics for which you have adequate data.
- 13d Describe any additional characteristics that are not described, or whose description cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the description of characteristics that are difficult to describe, such as, plant habit, plant color, disease resistance, etc.
- 14a If "YES" is specified (seed of this variety be sold by variety name only as a class of certified seed) the applicant may NOT reverse his affirmative decision after the variety has either been sold and so labeled, his decision published, or the certificate has been issued. However, if the applicant specified "NO," he may change his choice. (See section 180.16 of the Regulations and Rules of Practice.)
- 15a See section 42 of the Plant Variety Protection Act and section 180.7 of the Regulations and Rules of Practice.

U.S. DEPARTMENT OF AGRICULTURE



AMS, LPG&S DIV.
PVPD

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

INSTRUCTIONS: See Reverse.

1a. TEMPORARY DESIGNATION OF VARIETY		1b. VARIETY NAME White Summer		FOR OFFICIAL USE ONLY PV NUMBER 8100063		
2. KIND NAME Cauliflower		3. GENUS AND SPECIES NAME Brassica oleracea L. convar. botrytis L) Alef var. botr.		FILING DATE 2/27/81	TIME 2:30	A.M. P.M.
4. FAMILY NAME (BOTANICAL) Cruciferae		5. DATE OF DETERMINATION January 1976		FEE RECEIVED \$ 500.00 \$ 250.00	DATE 2/27/81 6/16/82	
6. NAME OF APPLICANT(S) Koninklijke Zaadteelt en Zaadhandel Sluis & Groot B.V.		7. ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code) P.O. Box 13 1600 AA Enkhuizen Netherlands		8. TELEPHONE AREA CODE AND NUMBER 02280 - 3838		
9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: (Corporation, partnership, association, etc.) Corporation		10. IF INCORPORATED, GIVE STATE AND DATE OF INCORPORATION Netherlands		11. DATE OF INCOR- PORATION 1867		
12. NAME AND MAILING ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS: Stan Rollin, Seed Consultant, 6802 Orem Drive, Laurel, MD 20810						

13. CHECK BOX BELOW FOR EACH ATTACHMENT SUBMITTED:

- 13A. Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)
- 13B. Exhibit B, Novelty Statement.
- 13C. Exhibit C, Objective Description of the Variety (Request form from Plant Variety Protection Office.)
- 13D. Exhibit D, Additional Description of the Variety.

14a. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED
SEED? (See Section 83(a). (If "Yes," answer 14B and 14C below.) YES NO

14b. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE
LIMITED AS TO NUMBER OF GENERATIONS? YES NO

14c. IF "YES," TO 14b, HOW MANY GENERATIONS OF PRODUC-
TION BEYOND BREEDER SEED?

FOUNDATION REGISTERED CERTIFIED

15a. DID THE APPLICANT(S) FILE FOR PROTECTION OF THIS VARIETY IN OTHER COUNTRIES? YES NO (If "Yes," give
name of countries and dates.)

Netherlands 1977 October 25
Western Germany 1978 October 25

15b. HAVE RIGHTS BEEN GRANTED THIS VARIETY IN OTHER COUNTRIES? YES NO (If "Yes," give name of countries
and dates.)

Netherlands 1980 February 29

16. DOES THE APPLICANT(S) AGREE TO THE PUBLICATION OF HIS/HER (THEIR) NAME(S) AND ADDRESS IN THE OFFICIAL
JOURNAL? YES NO

17. The applicant(s) declare(s) that a viable sample of basic seed of this variety will be furnished with the application and will be
replenished upon request in accordance with such regulations as may be applicable.

The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the
variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section
42 of the Plant Variety Act.

Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

19th February 1981
(DATE)

Sluis & Groot B.V. Ing. G.J. Urselmann
(SIGNATURE OF APPLICANT)



Koninklijke Zaadteelt
en Zaadhondel
Sluis en Groot B.V.
Enkhuizen (Holland)

Application No. 8100063, Cauliflower, 'White Summer'

bR
12/23/81

13 A

Exhibit A

Origin and Breeding History of the Variety-AMENDED

November 27, 1981

Cauliflower White Summer

The original material is based on a crossing between wintercauliflower, Flora Blanca and Alpha.

In this basis material selection work has been done during several years, with special screening on earliness and quality.

Within the early group the breeding department has from 1968 onwards, worked with group and line selection.

In the meantime the quality has been improved.

Due to the broad basis it took many years to reach an acceptable standard for homogeneity.

Early 1976 the variety was determined...TO BE UNIFORM AND STABLE.

bR
12/23/81

Breeding method to come to a stable and consistent strain :

sib - half sib selection.

VARIANTS WERE FOUND OVER A THREE YEAR PERIOD TO BE AS FOLLOWS:

bR
12/23/81

1973	June 200 plants	August 200 plants	
	too small green off types	0,25%	average 2 fields
	late, petioled plants	0,5%	

1974	June 500 plants	August 500 plants	
	too small green off types	0,4%	average 2 fields
	late, petioled plants	0,2%	

1975	June 300 plants	August 200 plants	September 500 plants
	too small green off types	0,25%	average 3 fields
	late, petioled plants	0,25%	





Koninklijke Zaaituin
en Zaardhandel
Sluis en Groot B.V.
Eekhouten (Nederland)

Application No. 8100063, Cauliflower, 'White Summer'

BR
12/23/81

13 B

Exhibit B

Novelty Statement - AMENDED November 27, 1981

White Summer belongs to the late spring - early summer - early fall
varieties and differs from the variety Dok * Elgon by : *most similar* BR 12/23/81

- 1) a longer stem, *LESS* RFS 5/3/83
- 2) narrower and ~~more~~ bluegreen leaf,
- 3) stronger blistering,
- 4) the ribs are more showing than Dok * Elgon,
- 5) the crop is about 5 days ~~later~~ earlier. BR 12/23/81

Re 1 The stem is 4 cm longer than Dok * Elgon.

2 The leaves are 4 cm narrower than Dok * Elgon. 137A RFS 5/3/83
~~126A 4/18/1982~~

2 Color chart references : White Summer R.H.S. 137A (Royal Horticultural Society)

Dok * Elgon

126A

~~126A 4/18/1982~~ RFS 5/3/83

4 The ribs are more white and about 0,3 cm bigger than Dok * Elgon.

5 The crop is not later, but about 5 days earlier.

Based on tests on 100 plants in 1974, 1975 and 1976.

Sowing dates : 21-1-1974 } 6 days
6-5-1974 }

20-1-1975 } 4 days
5-5-1975 }

19-1-1976 } 5 days
3-5-1976 }

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AMS, LPG&S DIV.
PVPO



6. CURD:

 1

1 = TIGHT 2 = LOOSE

 2

1 = SMOOTH 2 = KNOBBY

 21 = BRIGHT WHITE 2 = CREAMY, DULL WHITE
COLOR: 3 = PURPLE-GREEN 3SHAPE: 1 = FLAT
3 = DOME

2 = SEMI-DOME

 1

1 = NO LEAVES IN CURD

2 = LEAVES IN CURD

7. DISEASE RESISTANCE: (0 = Not Tested; 1 = Susceptible, 2 = Resistant. Specify race if known)

 0

BLACK SPOT

 0

PHYTOPHTHORA ROOT ROT

 0

BLACK ROT

 0

CERCOSPORELLA LEAF SPOT

 0

POWDERY MILDEW

 0

BLACK LEG

 0

RING SPOT

 0

YELLOWS

 0

OTHER (Specify) _____

 0

CLUBROOT

 0

WHITE BLISTER

 0

BOTTOM ROT

 0

DOWNY MILDEW

 0

VERTICILLUM WILT

 0

CAULIFLOWER MOSAIC

 0

TURNIP YELLOW MOSAIC

 0

WIRE STEM

8. OTHER RESISTANCE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

 0

"BUTTONING"

 1

"BLINDNESS"

 0

"RICEYNESSE"

 1

"WHIPTAIL"

 1

INSECT (Specify) _____

9. INDICATE A VARIETY THAT MOST CLOSELY RESEMBLES THAT SUBMITTED:

CHARACTER	VARIETY	CHARACTER	VARIETY
MATURITY		PLANT COLOR	
ADAPTATION		CURD SIZE	
PLANT HABIT		CURD SHAPE	
PLANT SIZE		CURD COLOR	

REFERENCE:

Nieuwhof, M. 1969. Cole Crope - World Crop Series, Leonard Hill.

COMMENTS:

White Summer closely resembles Dok * Elgon (Roayl Sluis variety).

Leaves of White Summer are longer, narrower, with a darkgreen color..

Maturity is earlier.

In the early crop White Summer has more texture than Dok * Elgon.

FORM GR-470-30
(7-1-74)

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
GRAIN DIVISION
HYATTSVILLE, MARYLAND 20782
OBJECTIVE DESCRIPTION OF VARIETY
CAULIFLOWER
(*Brassica oleracea var. botrytis*)

NAME OF APPLICANT(S)

Koninklijke Zaadteelt en Zaadhondel Sluis & Groot B.V.
Rxx0xxBxxx18xx1600xxEnkhuizenxxNetherlands

VARIETY NAME OR TEMPORARY DESIGNATION
White Summer

ADDRESS (Street and No., or F.F.D. No., City, State, and ZIP Code)

P.O. Box 13, 1600 AA Enkhuizen, Netherlands

FOR OFFICIAL USE ONLY

PVPO NUMBER

8100063

Place the appropriate number that describes the varietal character of this variety in the boxes below.
Place a zero in first box (e.g. **0 8 9** or **0 9**) when number is either 99 or less or 9 or less.

1. REGION OF ADAPTATION: (Where best adapted in the U.S.A.)

6 1 = NORTHWEST 2 = NORTHCENTRAL 3 = NORTHEAST 4 = SOUTHEAST 5 = SOUTHWEST
6 = MOST REGIONS

2. SEASON: (Main crop)

3+4 1 = LATE FALL - EARLY WINTER 2 = LATE WINTER - EARLY SPRING
3 = LATE SPRING - EARLY SUMMER 4 = LATE SUMMER - EARLY FALL

3. Maturity: (Days to 50% harvest)

1 0 0 FROM TRANSPLANTS **1 4** NO. DAYS HARVESTING PERIOD

1 3 0 FROM DIRECT SEEDING

4. PLANT HEIGHT: (At harvest)

2 8 CM. FROM SOIL LINE TO TOP OF CURD

CM. TALLER THAN

3

1 = EARLY ERFURT 2 = SUPER SNOWBALL A

3 = SNOWBALL Y

CM. SHORTER THAN

4

4 = VEITCH AUTUMN GIANT

5 = OTHER (Specify) _____

5. LEAVES:

2 3 TOTAL NUMBER

5 5

CM. AVERAGE LENGTH AT MID-POINT OF PLANT
(Including Petiole)

2 6

CM. AVERAGE WIDTH AT MID-POINT OF PLANT

1 1 = STRAIGHT MARGINS 2 = WAVY MARGINS

2

1 = THIN VEINS 2 = THICK VEINS

1 1 = MOSTLY SESSILE 2 = MOSTLY PETIOLATE
3 = EQUALLY SESSILE AND PETIOLATE

1 = UPRIGHT, EXPOSE CURD

3 COLOR: 1 = LIGHT GREEN
3 = DARK GREEN
(Lecerf Group)

2 = MEDIUM GREEN
(Snowball No. 10)
4 = BLUSH GREEN
(November)

2 = INCURVED, PARTIALLY COVER CURD

3 = COMPETELY COVER CURD (Self blanching)

6. CURD:

1 9 CM. DIAMETER

0 9

CM. DEPTH

4

TABLE OF CHARACTERISTICS - TABLEAU DES CARACTERES - MERKMASTABELLE

Characteristics Caractères Merkmale	English	français	deutsch	Example Varieties Exemples Beispieldsorten	Note
*) 1. Seedling: anthocyanin coloration Plantule : pigmentation anthocyane Keimpflanze: Antho-cyanfärbung	absent present	absente présente	fehlend vorhanden	Lucullus, Clou Erfurter Zwerg, Alpha	1 9
2. Seedling: color of cotyleion Plantule : couleur du cotylédon Keimpflanze: Farbe der Keimblätter	yellow green light green dark green blue green violet green	vert-jaune vert clair vert foncé vert-bleu vert violacé	gelbgrün hellgrün dunkelgrün blaugrün violetgrün		1 2 3 4 5
3. Plant: size (at time of harvest) Plante : taille (à la récolte) Pflanze: Grösse (zum Zeitpunkt der Ernte)	small medium large	petite moyenne grande	klein mittel gross	Aristo Gloria Delira	3 5 7
4. Outer stem: length Pied : longueur Aussenstrunk: Länge	short medium long	court moyen long	kurz mittel lang		3 5 7
(*) 5. Leaf: attitude Feuille : port Blatt: Stellung	erect semi-erect horizontal	dressé oblique horizontal	aufrecht halbaufrecht waagerecht	Delira Sesam, Erfurter Zwerg Opaal, Aristo	1 2 3
6. Leaf: size Feuille : taille Blatt: Grösse	small medium large	petite moyenne grande	klein mittel gross		3 5 7
(*) 7. Leaf: shape Feuille : forme Blatt: Form	narrow elliptic elliptic broad elliptic	elliptique étroite elliptique elliptique large	schmal elliptisch elliptisch breit elliptisch		1 2 3
8. Leaf: margin of base Feuille : bord de la base Blatt: Basisrand	entire not entire	entier lobé	ganzrandig gelappt	Igloo	1 2

(*) Characteristics which should always be included in the description of the variety.

Caractères à toujours inclure dans la description de la variété.
Merkmale, die in jeder Sortenbeschreibung enthalten sein sollten.

(+) See explanatory descriptions or illustrations in Annex 2.

Renvoie aux descriptions ou dessins illustrant le caractère à l'annexe 2.
Siehe Erläuterungen oder Zeichnungen in Anlage 2.

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Characteristics Caractères Merkmale	English	français	deutsch	Example Varieties Exemples Beispielssorten	Note
9. Leaf: wax Feuille : pruine Blatt: Wachsschicht	absent or very weak weak medium strong	nulle ou très faible faible moyenne forte	fehlend oder sehr gering gering mittel stark		1 3 5 7
10. Leaf: color (with wax if present) Feuille : couleur (avec la pruine éventuellement) Blatt: Farbe (mit Wachs, wenn vorhanden)	light green medium green dark green grey-green blue-green violet-green	vert clair vert moyen vert foncé vert-gris vert-bleu vert violacé	hellgrün mittelgrün dunkelgrün graugrün blaugrün violetgrün	Deense Export Alpha Lecerf Nevada	1 2 3 4 5 6
11. Leaf: torsion of the tip Feuille: torsion du sommet Blatt: Drehung der Spitze	absent or very weak weak medium strong	nulle ou très faible faible moyenne forte	fehlend oder sehr gering gering mittel stark		1 5 7
12. Leaf: profile of upperside of blade Feuille : profil de la face supérieure du limbe Blatt: Fläche der Spreite	concave plane convex	concave plan convexe	konkav eben konvex		1 2 3
13. Leaf: blistering Feuille : cloqure Blatt: Blasigkeit	absent or very weak weak medium strong	nul ou très faible faible moyenne forte	fehlend oder sehr gering gering mittel stark		1 3 5 7
14. Leaf: creasing Feuille : plissement Blatt: Faltung	absent or very weak weak medium strong	nulle ou très faible faible moyen fort	fehlend oder sehr gering gering mittel stark	Opaal Delira	1 5 7
(*) 15. Leaf: undulation of margin Feuille : ondulation du bord Blatt: Wellung des Randes	absent present	absente présente	fehlend vorhanden	Gloria	1 9
(*) 16. Leaf: degree of undulation of margin Feuille : importance de l'ondulation du bord Blatt: Stärke der Wellung des Randes	weak medium strong	faible moyenne forte	gering mittel stark	Alpha Delira	3 5 7



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TG/45/3 - Annex 1/Annexe 1/Anlage 1
Cauliflower/Chou-fleur/Blumenkohl, 76-11-19
page 3/Seite 3

Characteristics Caractères Merkmale	English	français	deutsch	Example Varieties Exemples Beispielssorten	Note
17. Leaf: width of midrib Feuille : largeur de la nervure médiane Blatt: Breite der Mittelrippe	narrow medium wide	étroite moyenne large	schmal mittel breit		3 5 7
18. Leaf: length of petiole Feuille : longueur du pétiole Blatt: Länge des Stiels	short medium long very long	court moyen long très long	kurz mittel lang sehr lang	Mechelse Flora Blanca Sicilian Purple	3 5 7 9
(*) 19. Curd: covering by inner leaves Pomme : couverture par les feuilles internes Blume: Deckung durch innere Blätter	not covered partly covered covered	nulle partielle complète	nicht gedeckt teilweise gedeckt gedeckt	Opaal Nevada	1 2 3
(*) 20. Curd: size Pomme : taille Blume: Grösse	small medium large	petite moyenne grande	klein mittel gross	Opaal Sesam, Alpha, Lecerf Flora Blanca, Progress	3 5 7
(*) 21. Curd: shape in longitudinal section Pomme : forme en section longitudinale Blume: Form im Längsschnitt	circular transverse broad elliptic transverse elliptic transverse narrow elliptic	circulaire elliptique peu aplatie elliptique moyennement aplatie elliptique très aplatie	rund quer breit elliptisch quer elliptisch quer schmal elliptisch		1 2 3 4
(*) 22. Curd: doming Pomme : courbure du sommet Blume: Wölbung	weak medium strong	faible moyenne forte	gering mittel stark		3 5 7
(*) 23. Curd: color Pomme : couleur Blume: Farbe	white ivory yellow orange green pink purple	blanche ivoire jaune orange verte rose pourpre	weiss elfenbeinfarben gelb orange grün rosa purpurfarben		1 2 3 4 5 6 7

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Characteristics Caractères Merkmale	English	français	deutsch	Example Varieties Exemples Beispielssorten	Note
24. Curd: anthocyanin coloration Pomme : pigmentation anthocyanique Blume: Anthocyan-färbung	absent present	absente présente	fehlend vorhanden		(1) 9
25. Curd: knobbling Pomme : relief Blume: Höckerbildung	fine medium coarse	fin moyen grossier	fein mittel grob	Opaal, Malinus Corvilia Progress, Lukra, Delira	3 5 (6) 7
26. Curd: texture Pomme : granulation Blume: Körnung	fine medium coarse	fine moyenne grossière	fein mittel grob	Bali, Nevada Opaal	3 5 (6)
27. Curd: riceness Pomme : duvet Blume: Griessigkeit	absent present	absent présent	fehlend vorhanden		(1) 9
28. Curd: firmness Pomme : fermeté Blume: Festigkeit	loose medium solid	lâche moyenne ferme	locker mittel fest	Gloria Blanca Delira	3 5 (7)
(*) 29. Flower: color Fleur : couleur Blüte: Farbe	white ivory yellow	blanche ivoire jaune	weiss elfenbeinfarben gelb	Delira, Lukra Blanca Flora Blanca, Sesam, Lecerf, Alpha	1 2 (3)

[End of Annex 1, Annex 2 follows;
 Fin de l'annexe 1, l'annexe 2 suit;
 Ende der Anlage 1, Anlage 2 folgt]

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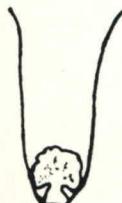


DEPARTMENT OF AGRICULTURE

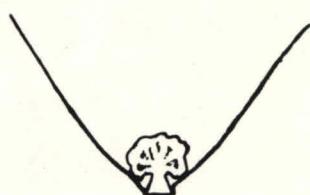
AMS, LPG&S DIV,
PVP0

Explanation of CharacteristicsExplication des caractèresErläuterungen zu den MerkmalenAd/Add./Zu 5

Leaf: attitude
Feuille : port
Blatt: Stellung



erect
dressé
aufrecht



semi-erect
oblique
halbaufrecht



horizontal
horizontal
waagrecht

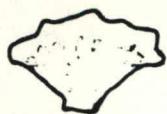
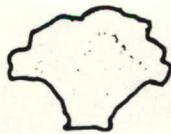
Ad/Add./Zu 21 + 22

Curd: shape and doming of longitudinal section
Pomme : forme en section longitudinale et courbure du sommet
Blume: Form und Wölbung des Längsschnittes

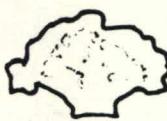
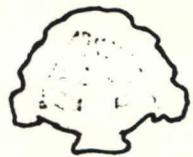
Shape Forme Form	circular circulaire rund	transverse broad elliptic elliptique peu aplatie quer breit elliptisch	transverse elliptic elliptique moyennement aplatie quer elliptisch	transverse narrow elliptic elliptique aplatie quer schmal elliptisch
------------------------	--------------------------------	--	--	--

Doming
Courbure
Wölbung

weak
faible
schwach



medium
moyenne
mittel



strong
forte
stark







Koninklijke Zaadteelt
en Zaadhondel
Sluis en Groot B.V.
Enkhuizen (Holland)

8100063

UNITED STATES PLANT VARIETY PROTECTION ACT

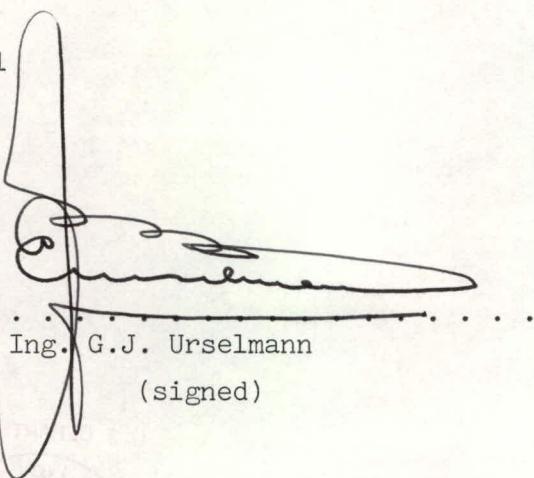
Authorisation of Agent

We hereby authorise : *Stan Rollin*
Seed Consultant
6802 Orem Drive
Laurel, MD 20810

to sign any application, notice or other document given, delivered to or served upon the Commissioner under or in accordance with the Plant Variety Protection Act 1970 and to make all attendances upon the Commissioner relating to the plant variety :

cauliflower White Summer

Koninklijke Zaadteelt en Zaadhondel
Sluis & Groot B.V.
P.O. Box 13
1600 AA Enkhuizen
Netherlands



Ing. G.J. Urselmann
(signed)



AMS, LPG&S DIV.
FWPO

No.

8100063



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Koninklijke Zaadteelt en Zaadhondel

Sluis & Groot B.V.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF eighteen YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT (1933, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

CAULIFLOWER

'White Summer'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington this 19th day of August in the year of our Lord one thousand nine hundred and eighty-two.

Attest:

Kenneth H. Evans
Acting Commissioner
Plant Variety Protection Office
Gains Division
Agricultural Marketing Service


John R. Black
Secretary of Agriculture

